

# INFORMATION DIGEST

JULY 22 - 29, 2024



## Status of the Ukrainian nuclear power plants and the nuclear industry of Ukraine

- According to the JSC "NNEGC "Energoatom", on July 22-29, 2024, power units of Ukrainian nuclear power plants which are located on the territory controlled by Ukraine worked to meet the needs of the population and the country's economy.
- One of the three reactor units at the South Ukraine NPP has completed its planned maintenance and refuelling activities and was successfully restarted, while a planned outage at another unit is nearing completion.
- According to the International Atomic Energy Agency [IAEA], the IAEA experts present at the Khmelnytsky, Rivne and South Ukraine Nuclear Power Plants (NPPs) and the Chernobyl site reported that nuclear safety and security are being maintained despite the effects of the ongoing war, including air raid alarms on several days over the week.
- The IAEA teams at the Rivne and South Ukraine NPPs rotated late last week and the Khmelnytsky NPP team rotated on Wednesday.

## Current situation on Zaporizhzhya NPP

- According to the JSC "NNEGC "Energoatom", from July 18-25, 2024, the exposure dose rate of gamma radiation in the area where the Zaporizhzhya NPP is located in the temporarily occupied territories of Ukraine complied with current standards. Updated information on the radiation situation at the sites of NPPs of JSC "NNEGC "Energoatom" are available at the Energoatom Company web-site by link:

<https://old.energoatom.com.ua/app-eng/table.html>

- According to the IAEA, the nuclear safety and security situation at the Zaporizhzhya Nuclear Power Plant (ZNPP) remains highly challenging, including efforts to ensure adequate maintenance of key safety systems and other vital equipment.
- Despite the blowing up of the Kakhovka hydroelectric power station dam by Russian occupiers, the situation remains stable and under control. The water level in the cooling pond is 14.82 m. The water level in the "hot" channel of the Zaporizhzhya TPP, from where the Zaporizhzhya NPP pond is fed if necessary, is 16.37 m. In the "cold" channel of the Zaporizhzhya Thermal Power Station, the water level reaches 10.59 m.

## Current situation on Chernobyl NPP and in the Exclusion Zone

- On July 22-29, 2024, the radiation situation at the ChNPP site was without



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changes. The monitored parameters of the equipment were within the boundaries set by the technological regulations. Operating personnel continues to ensure nuclear and radiation safety.

- According to the International Atomic Energy Agency, the IAEA team at the Chernobyl NPP rotated late last week.

## War in Ukraine

- July 29, 2024 was the 886 day of the resistance Ukraine to the russian military invasion.
- According to the General Staff of the Armed Forces of Ukraine [AFU], the situation on the frontlines has not changed significantly. The most intense fighting has been on the Pokrovsk front in the east of the country.
- The Commander-in-Chief of the Ukrainian Armed Forces Oleksandr Syrskyi said that the russian army of occupation had not made any progress at the front. Syrskyi described russia's creeping victories as "tactical" - local achievements, not an "operational" breakthrough. According to Syrskyi, the length of the front line is 3,700 km, while active hostilities are conducting along 977 km.
- **Situation in the North.** The border settlements of the Sumy and Chernihiv regions continue to suffer from cynical shelling from the territory of the russian federation. On July 27, 2024, russia fired a multiple rocket launcher system at the centre of the city of Hlukhiv, Shostka district. 14-year-old boy dies in hospital, 12 persons wounded.
- **Situation in Kharkiv region.** Troops of russian federation are concentrating their efforts in area of the settlements Hlyboke and Vovchansk, trying to restore lost position. The russian invaders are constantly trying to change the tactics of assault operations and are looking for the most effective ways to break through the defense of the Ukrainian military in the north of the Kharkiv region.
- At the same time, Kharkiv region is under constant bombardment by russian aircraft. During last week russians have launched two air strikes from the russian cities of Belgorod and Shebekino using six KABs. They targeted the area of Vovchansk. russians also launched two X-35U anti-ship missiles at the city of Kharkiv. In the Kupiansk direction, the russian conducted an assault. The battle continues.
- **Hostilities in the East.** russian army is most active in Pokrovsk and Toretsk direction. In the Pokrovsk direction, the russians carried out assault operations. 60,000 people remain in the city of Pokrovsk, including 4,000 children, and another 4,000 children have been evacuated. More than 500 people are evacuated from the city every month.
- Over last day, russia lost large number of tanks and other armoured vehicles in Kurakhove sector, where they are trying to break through Ukrainian defences.
- There are still a small number of civilians in the city of Toretsk, Donetsk region, an important logistical interchange leading to Kostiantynivka which has been destroyed by 70%. They are mostly hiding in basements. The russian occupiers are constantly bombarding it with anti-aircraft guns. In order to conduct active operations in the Toretsk direction, the occupiers plan to strengthen their units with two more brigades. About two thousand people evacuated from Toretsk in



two weeks, and now 3,500 residents remain in the city.

- **Situation in the South** is consistently tense, but not the most active compared to other parts of the front line. Russia is actively using the tactic of massive ammunition drops from drones. Russian occupation forces have intensified assault operations in the Orikhiv direction, but there are no signs of the formation of offensive groups in the Zaporizhzhia direction.
- In the Vremivka direction, two Russian attacks near Kostiantynivka are still ongoing. In addition, the occupants bombarded the area near Vodiane with KABs. In the Huliaipole direction, the Russian military are storming the positions of our defenders near Huliaipole. The battle is still ongoing. In the Orikhiv direction, the Russian army was unsuccessful, attacking Ukrainian defenses twice near Mala Tokmachka and Novoandriivka. The bridgehead on the left bank of the Dnipro near the village of Krynky remains active.
- **Situation with shelling of Ukraine.** In the Kherson region, 15 settlements, including Kherson, came under Russian fire and airstrikes. Russian troops targeted critical and port infrastructure facilities, residential areas, and gas pipelines. Eleven people were wounded, including 3 children.
- On the night of July 29, Russian occupiers attacked Ukraine with an X-59/X-69 guided missile from the airspace of occupied Donetsk region and 10 Shahed-type attack UAVs from Cape Chauda in Crimea. An X-59/X-69 guided missile and nine Shahed-131/136 UAVs were shot down as a result of the air battle. Air targets were destroyed in Dnipropetrovsk, Kherson and Kirovohrad regions.
- On the morning of July 29, Russian troops attacked the city of Toretsk in Donetsk Oblast: 3 people were killed, 3 were wounded. On the morning of July 29, Russian invaders attacked Kherson region: two people are dead and there are wounded.
- On July 28, Nikopol and Kryvyi Rih districts of the Dnipropetrovsk region came under attack by the Russian army. Infrastructure in the area, 13 apartment buildings and a private house were damaged.
- On the night of July 24, 2024 the Russian occupiers struck the Kharkiv region with an Iskander-M ballistic missile and a missile of a type to be determined. Seventeen Russian UAVs were shot down. It was also reported that the occupiers attacked the Odesa region with drones: three people were injured and port infrastructure was destroyed.

*Sources: t.me/V\_Zelenskiy\_official, t.me/energoatom\_ua, Centre for Strategic Communication, Ministry of Defense of Ukraine, the National Police of Ukraine censor.net, Ukrainska Pravda, radiosvoboda.org, eurointegration.com.ua*



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***Damage to DTEK Energy thermal power plants due to russian attacks during 2023-2024, was shown by the head of the DTEK Energy communications department, Viktor Zinchenko. Zinchenko added that the pictures do not convey the scale of the destruction of the thermal power plants.***

***The DTEK Energy company's enterprises generate electricity at solar, wind and thermal power plants; extract coal and natural gas, trade energy products in the Ukrainian and foreign markets, distribute and supply electricity to consumers, and develop a grid of supercharger stations for e-vehicles.***



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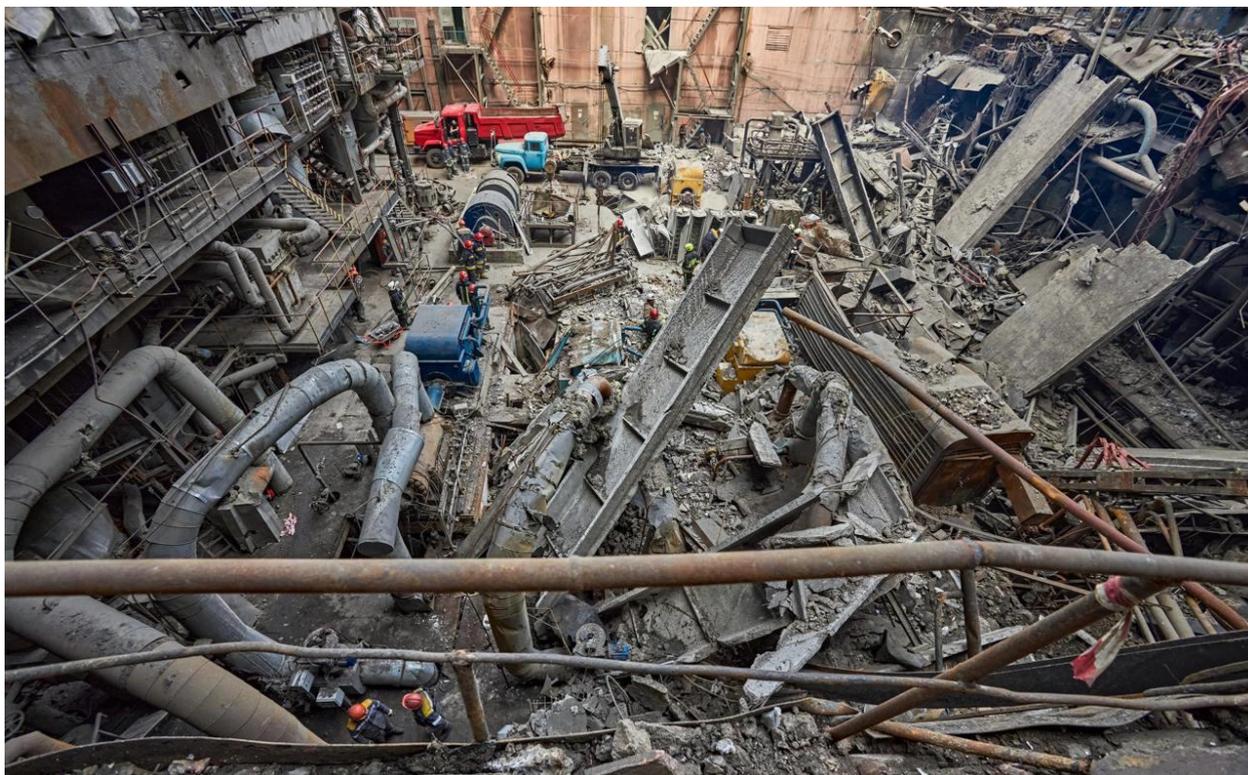


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DEAR COLLEAGUES

THE UKRAINIAN NUCLEAR SOCIETY IS ACTIVELY ENGAGED IN VOLUNTEER ACTIVITIES, HELPING OUR COLLEAGUES FROM NUCLEAR POWER PLANTS, REFUGEES FROM THE ZAPORIZHZHIA NPP, AS WELL AS OUR MEMBERS WHO JOINED THE ARMED FORCES TO DEFENDED OUR COUNTRY.

SUPPORT THE ANS-ENS UKRAINIAN NUCLEAR WORKERS HUMANITARIAN FUND

WE ARE VERY GRATEFUL FOR ANY HELP AND SUPPORT!

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PRESENTATION ABOUT VOLUNTEER ACTIVITIES

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Support Ukraine's nuclear workers and their families impacted by war.

